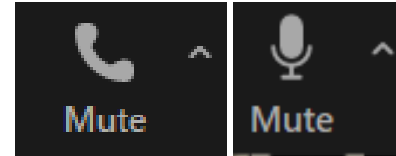


Columbia Basin Collaborative Habitat Work Group

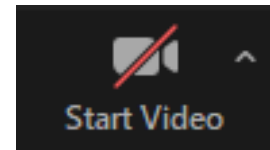
February 24th, 2023

Zoom Features

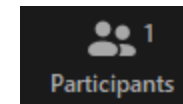
Keep yourself on mute when not speaking.



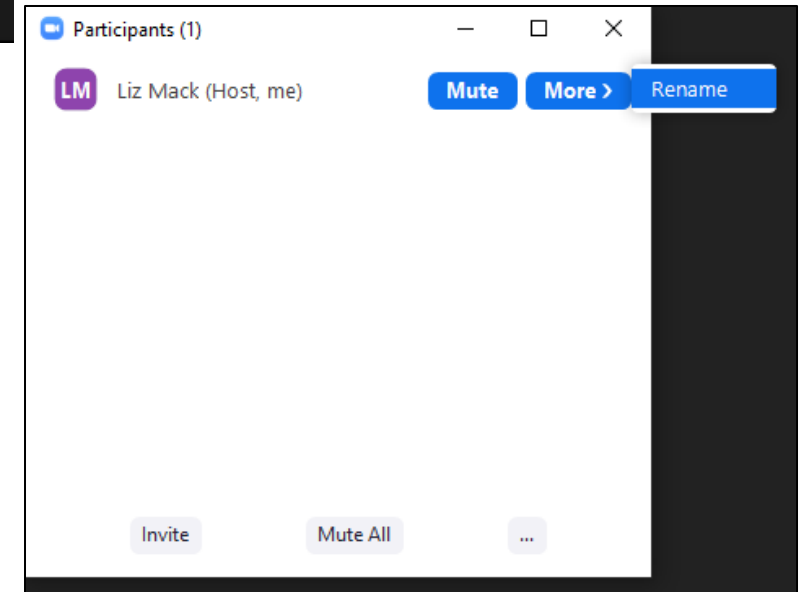
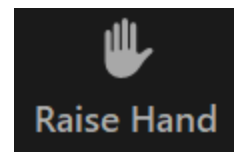
Use video, if possible, to promote face to face communication.



If needed rename yourself in the participant panel.

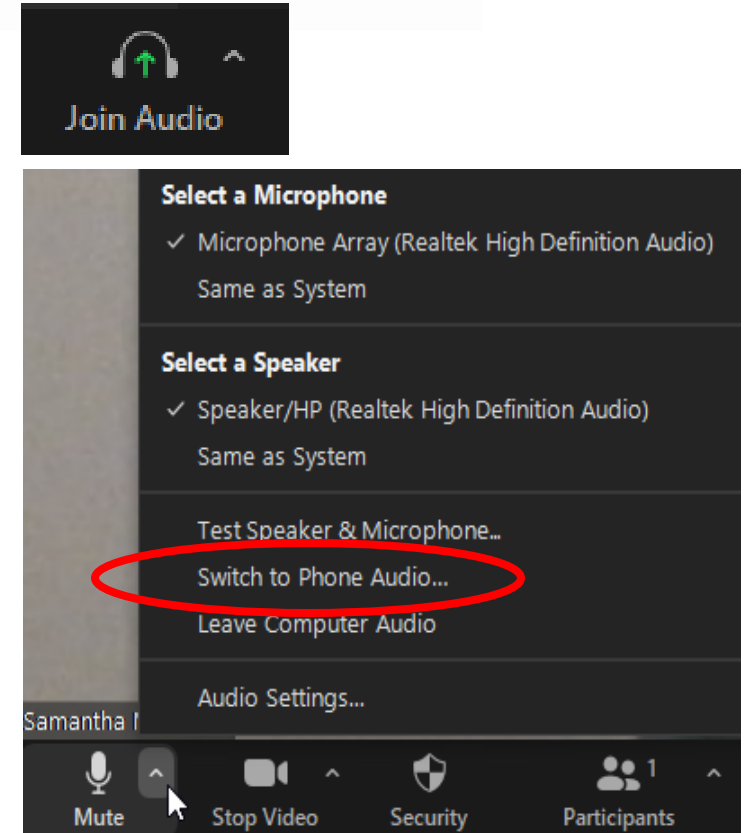


Find your raise hand function at the bottom of your screen



Zoom Features

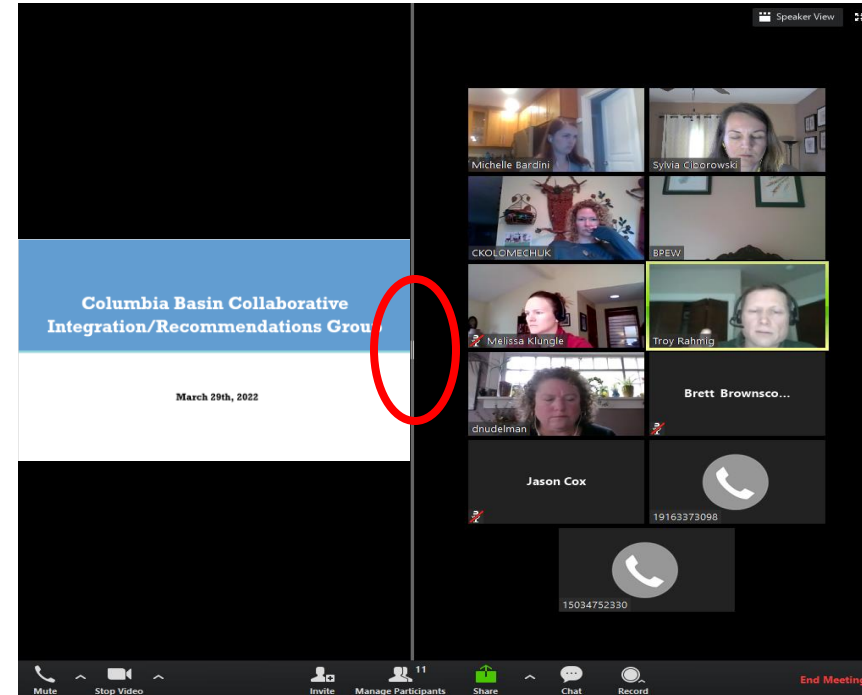
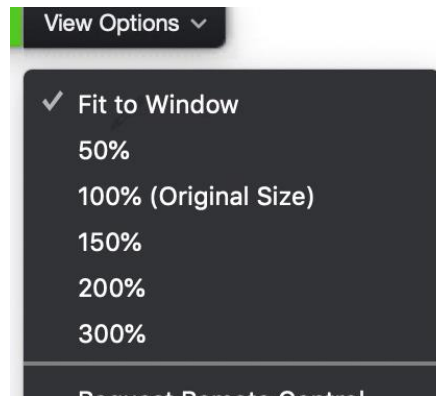
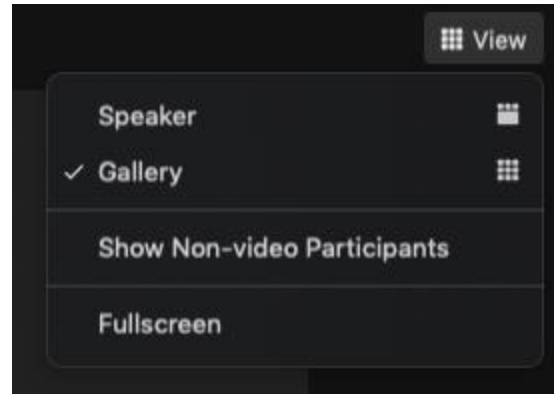
- If you have not **connected your audio**, click on the “Join Audio” at the bottom left of your screen.
- To **switch to phone**, click the arrow next to the microphone icon and select “Switch to Phone Audio”.
- If you have joined by browser, please click “Audio Settings”



For technical support, please contact Colin Johnson

Zoom Features

Adjust view options



For technical support, please contact Colin Johnson

Welcome, Agenda Review, and Updates

Collaboration

Focus on your interests, not positions

Invent options for mutual gain

Separate the people from the problem



Meeting Guidelines

- Honor the agenda and be present
- Listen to understand and ask questions to clarify
- Balance speaking time and don't pile on
- Seek alignment and common ground wherever possible



PIC BY TIN MAN LEE / CATERS NEWS

Agenda Review

Time (PT)	Topic
9:00 – 9:10 am	Welcome, Agenda Review, and Updates
9:10 – 9:30 am	Recap of I/RG Meeting and Consensus Process
9:30 – 9:50 am	Straw Poll of Recommendations for Meeting – Green Light, Red Light
9:50 – 10:30 am	Habitat Discussion of 1 “General Recommendation”
10:30– 10:40 am	Break
10:40– 11:20 am	Habitat Discussion of 1 “NOAA 5-Year Review Recommendation”
11:20 – 11:50 am	Discuss Recommendation by Region/Impact
11:50 am – 12:00 am	Confirm Next Steps, Upcoming Meeting Topics, and Summary

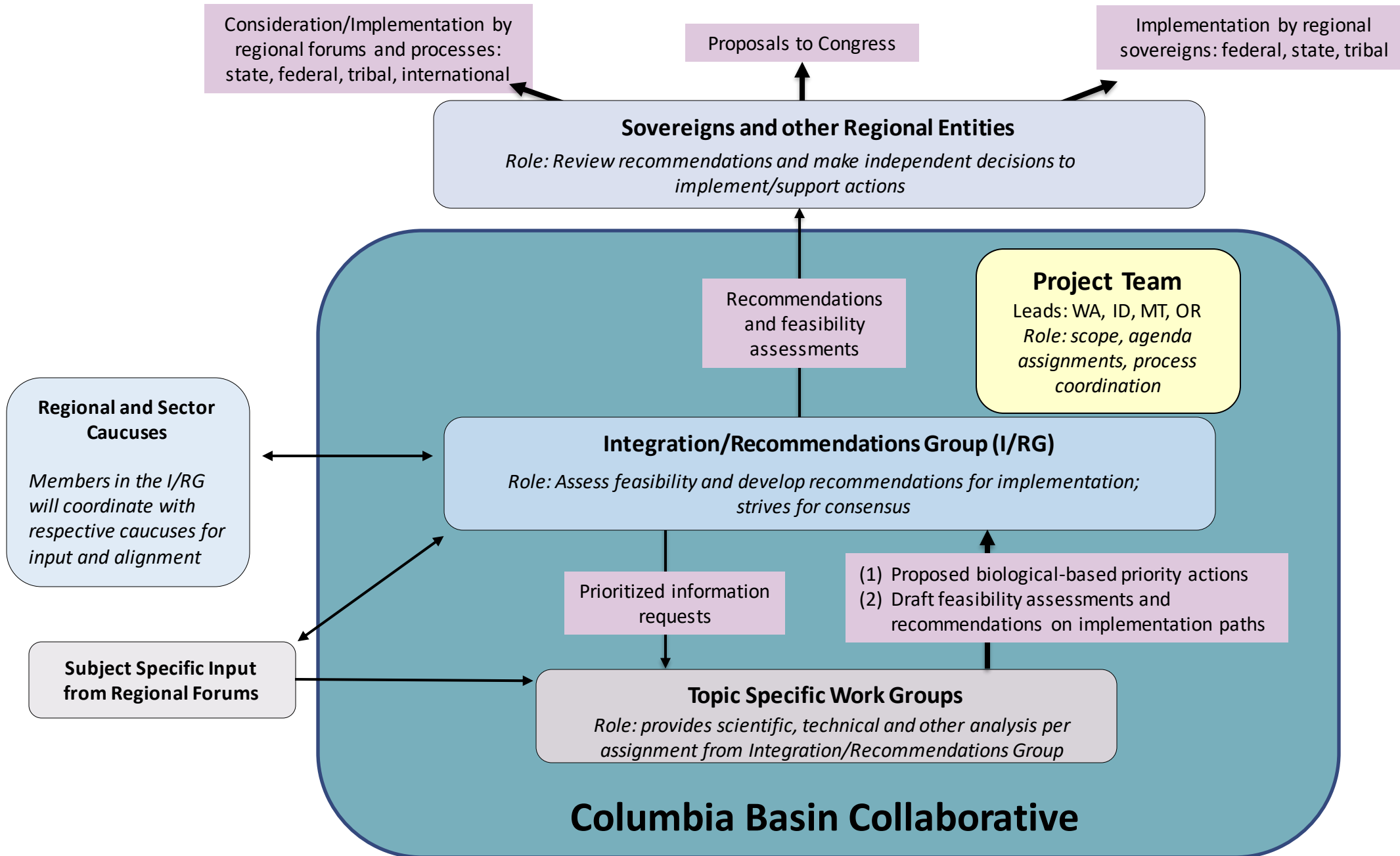
Recap of I/RG Meeting and Consensus Process

Key Takeaways from I/RG Meeting

1. Questions on scope and scale of recommendations. Balance broad recommendations with more detail and geographic specificity.
2. The Work Groups should make sure to connect the recommended actions with the CBPTF goals.
3. Weave in social, cultural, economic, and ecological considerations into the recommendations.



A regional approach to achieving the Columbia Basin Partnership goals



Process for Consensus

Recommendations developed by Work Groups

- As the recommendations are being developed, every effort will be made to consider all perspectives.
- The work groups use consensus to develop recommendations and share these with the I/RG.
- The group will strive to **address each other's concerns and suggestions** through discussions. If members continue to oppose a recommendation, they will be asked to propose alternatives or suggestions for how to move forward.

Process for Consensus Outcomes

- Consensus is reached when every Member, at the very least, does not oppose a decision.
- The I/RG can send a recommendation back to the work groups for revisions if needed.
- If consensus is not reached on a specific recommendation and the issue has been fully discussed by the I/RG, then there will not be a recommendation from the Columbia Basin Collaborative.

Straw Poll of Recommendations for Meeting – Green Light, Red Light

Current "General" Recommendations

1. Increase Funding: Increase funding for existing habitat restoration and protection programs and monitoring, increase funding flexibility for projects that are beneficial to salmon recovery overall and find future funding sources / resources, particularly for highly impacted stocks.

2. Coordination and Increased Efficiencies: Increase capacity for landowner engagement and provide incentives for private landowners to increase participation in salmon recovery, including work on water acquisition and exchanges and projects that establish and maintain screens of water diversions

3. Coordination and Increased Efficiencies: Build capacity and cross-coordination with agencies, Tribes, and non-government organizations, and build better opportunities for technical and financial assistance with the creation, writing, and management of grants by encouraging efficiencies in funding and grant programs and streamline reporting processes.

4. Coordination and Increased Efficiencies: Streamline processes for regulatory compliance with federal agencies

5. Recommendation from SIWG: To ensure all sectors are implementing actions to reduce threats to salmon and steelhead, it is imperative that each State: 1) call upon local, state and federal land use and regulatory managers to update their respective policies, incentive programs and regulations to ensure they achieve no-net-loss of floodplain and riparian habitats and watershed functions; 2) fully fund monitoring programs to evaluate effectiveness of such programs at the Evolutionarily Significant Unit (ESU) scales, and publicly and consistently report on results and adaptive management responses; and, 3) ensure alignment between active restoration work, land use programs and all-H recovery efforts, in light of climate change.

Current "Implementation" Recommendations

- 1. Implementation Strategies:** Improve water management, including maximizing water that is currently managed (ex: develop opportunities to buy water for fish from landowners)
- 2. Implementation Strategies:** Encourage nutrient enhancement in Basin waterways
- 3. Implementation Strategies:** Support and enhance the recommendations from the 5-year review: Prioritize projects that improve population resiliency to the impacts of climate change by conducting actions that restore riparian vegetation, streamflow, and floodplain connectivity and to re-aggrade incised stream channels can ameliorate temperature increases, base flow decreases, and peak flow increases.
- 4. Implementation Strategies:** Support and enhance the recommendations from the 5-year review: Implement habitat restoration at a watershed scale to at least 20 percent of floodplain and in-channel habitat in a watershed to increase salmon smolt production.
- 5. Implementation Strategies:** Support and enhance the recommendations from the 5-year review: Enhance floodplain management and reconnect stream channels with their floodplains. Consider reintroducing beaver and low-tech process-based methods that will facilitate widespread, low-cost floodplain restoration across larger areas, increasing the productivity of freshwater habitat.
- 6. Implementation Strategies:** Support and enhance the recommendations from the 5-year review: Implement habitat improvement actions consistent with best practices for watershed restoration and enhance local- to basin-scale frameworks to guide and prioritize habitat restoration actions that integrate a landscape perspective into decision making.

Habitat Discussion of 1 "General Recommendation"



Break

10 minutes



Habitat Discussion of 1 "NOAA 5-Year Review Recommendation"

Discuss Recommendations by Region/Impact

Discussion Prompts

- **What are priority areas for watershed restoration and maintenance?**
- **Where can recommendations be implemented in the near term?**
- **What are region-specific challenges?**
- **Are comparable actions already being implemented in other parts of the basin?**

Compiled Impacts by Stock

Sub- Region	Stock	Status	Abundance			MAFAC Phase II Impact Priority							
			Current	MAFAC Medium goal	Current as % of Medium Goal	Tributary Habitat	Estuary Habitat	Hydro (Mainstem)	Hydro (Latent)	Hydro (Blocked)	Predation	Harvest	Hatchery
Low-C	L Col R Spring Chinook	Threatened	2,240	21,550	10%	1	3	3	3	2	3	3	2
Low-C	L Col R Winter Steelhead	Threatened	5,989	27,900	21%	1	2	3	3	3	3	3	3
Low-C	L Col R Fall (tule) Chinook	Threatened	12,329	54,100	23%	1	2	3	3	3	3	1	2
Low-C	L Col R Coho	Threatened	31,524	129,550	24%	1	3	3	3	3	3	3	2
Low-C	L Col R Summer Steelhead	Threatened	10,594	29,800	36%	2	4	4	4	2	4	4	4
Low-C	Col R Chum	Threatened	11,762	33,000	36%	2	2	4	4	4	4	4	4
Low-C	SW WA Winter Steelhead	Threatened	3,252	5,850	56%	2	4	5	5	5	5	5	5
Low-C	L Col R Late Fall (bright) Chinook		10,800	16,700	65%								
Low-C	L Col R Fall (bright) Chinook	Threatened	11,000	11,000	100%	5	5	5	5	4	5	4	5
Mid-C	M Col Sockeye	Not Listed	1,036	45,000	2%	3	3	3	2	1	3	3	
Mid-C	M Col R Spring Chinook	Not Listed	11,600	40,425	29%	2	4	4	4	4	4	4	4
Mid-C	M Col R Summer Steelhead	Threatened	18,155	43,850	41%	2	4	4	4	4	2	4	4
Mid-C	M Col R Coho	Not Listed	6,324	11,600	55%		5	4	5	5	5	4	
Mid-C	M Col R Summer/Fall Chinook	Not Listed	11,500	13,000	88%	5	5	5	5	5	5	4	5
Up-C	U Col R Coho	Not Listed	392	15,000	3%								
Up-C	U Col R Summer Steelhead	Threatened	1480	31,000	5%	1	1	2	1	1	1	3	2
Up-C	U Col R Sockeye	Not Listed	40,850	580,000	7%	1	3	1	1	1	2	3	3
Up-C	U Col R Spring Chinook	Endangered	1430	19,840	7%	1	3	1	1	1	2	3	1
Up-C	U Col R Summer Chinook	Not Listed	16920	78,350	22%	1	2	1	1	1	3	1	2
Up-C	U Col R Fall Chinook	Not Listed	92,400	62,215	149%	5	5	4	5	5	5	4	5
Snake	Snake R Coho	Not Listed	100	26,600	0%								
Snake	Snake R Sockeye	Endangered	100	15,750	1%	3	3	1	1	1	2	3	
Snake	Snake R Spring/Summer Chinook	Threatened	6,988	98,750	7%	1	3	1	1	2	2	3	3
Snake	Snake R Summer Steelhead	Threatened	28,000	75,000	37%	2	4	4	2	2	2	4	4
Snake	Snake R Fall Chinook	Threatened	8,360	10,780	78%	5	5	4	4	4	5	4	
Willam	U Will R Spring Chinook	Threatened	4,278	47,850	9%	1	2	3	3	1	3	3	2
Willam	U Will R Winter Steelhead	Threatened	2,816	27,805	10%	1	2	3	3	3	1	3	3

Next Steps and Action Items

Next Steps

KW: Summarize meeting and send follow-up email to schedule next two meetings and gather feedback.

Subgroups: Meet to add more detail and finalize recommendations discussed today.



Thank you ~



Photo credit: Roger Tabor